

State Correlations Report: Tennessee

Grade: First
Subject: Math

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Generated By: Chris Pugh

Strand Key	Description	Learning Activities			Lesson Quizzes
0106.1.1	Grade One Mathematics Mathematical Processes Describe the relationship between days and months.	KM061 20117	KM062 20121	10156	MA00D01 MA01DA01 MA02DA04 MA02DA05
0106.1.2	Grade One Mathematics Mathematical Processes Read and write time to the hour, half-hour, and quarter-hour.	KM064 20115 20170	KM065 20116	10169 20169	MA00D01 MA01DA04 MA02DA01 MA02DA02 MA02DA05
0106.1.3	Grade One Mathematics Mathematical Processes Compare units of time.	KM063 20121 20248	10157 20169	20117 20170	MA00D01 MA01DA02 MA02DA01 MA02DA03 MA02DA04 MA02DA05
0106.1.4	Grade One Mathematics Mathematical Processes Count the value of a set of coins up to fifty cents.	KM069 10133 10136 20154	KM070 10134 10137 20155	KM071 10135 20152	MA00D02 MA01AD01 MA01AD02 MA01AD03 MA01AD04 MA02AD01 MA02AD02 MA02AD03

0106.1.5	Grade One Mathematics Mathematical Processes Use a thermometer to measure temperature.	KM067 20118	10257 20171	10258 20172	MA00D01 MA01DE01 MA01DE02 MA02DE01 MA02DE02 MA02DE03
0106.1.6	Grade One Mathematics Mathematical Processes Recognize scales as a way of measuring weight.	KM081 10256	10180 20114	10182	MA00D05 MA01DC01 MA01DC02 MA01DC03 MA02DC03
0106.1.7	Grade One Mathematics Mathematical Processes Apply spatial sense to recreate a figure from memory.	10116	20088		MA01CD05 MA02CD01

0106.1.8	Grade One Mathematics Mathematical Processes Recognize the "word clues" and mathematical symbols for addition and subtraction.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	
		KM108	10119	10120	
		10122	10123	10124	MA00C05
		10125	10127	10128	MA00E01
		10129	10160	10161	MA00E04
		20240	20241	20242	MA00E05
		20243	20244	20245	MA01AC01
		20246	2B005	2B012	MA01AC03
					MA01AC04
					MA01AC05
					MA01AC06
					MA01AC07
					MA01AC10
					MA01AC11
					MA01BB02
					MA01BB03
					MA02AC01
					MA02AC02
					MA02AC03
					MA02AC04
					MA02AC06
					MA02AC07
					MA02AC08
					MA02AC09
					MA02AC11
0106.1.10	Grade One Mathematics Mathematical Processes Match the spoken, written, concrete, and pictorial representations of whole numbers, one-half, and one-fourth.	KM079	10112	10118	
		10195	20180	20181	MA00D04
		20182	20299		MA01AB01
					MA01AB02
					MA01AB03
					MA02AB01
					MA02AB02
					MA02AB03

0106.2.1	Grade One Mathematics Number and Operations Read and write numerals up to 100.	KM034	KM035	KM036	
		KM037	KM041	KM044	
		KM045	KM046	KM047	
		KM051	KM052	KM087	
		KM089	KM090	10100	MA00C01
		10101	10121	10126	MA00C02
		10147	10194	10199	MA00C03
		1B001	20148	20158	MA00C04
		20159	20160	20161	MA00E01
		20162	2B003		MA01AA01
					MA01AA04
					MA01AA05
					MA01AA06
					MA01AA09
					MA01AC02
					MA01AC09
					MA01CB04
					MA02AA01
					MA02AA02
					MA02AA03
					MA02AA04
					MA02AA05
					MA02AA07
0106.2.2	Grade One Mathematics Number and Operations Write numbers up to 10 in words.	KM044	KM045	KM046	
		KM052	KM087	10147	MA00C03
		1B001	20148	20161	MA00C04
					MA00E01
					MA01AA01
					MA01AA09
					MA02AA02
					MA02AA05

0106.2.3	Grade One Mathematics Number and Operations Count forward and backward by ones beginning with any number less than 100.	KM034 KM044 KM052 10100 10199 2B002	KM035 KM045 KM087 10103 20237	KM041 KM051 KM090 10121 20238	MA00C01 MA00C02 MA00C03 MA00C04 MA00E01 MA01AA04 MA01AA07 MA01AC02 MA01CB04 MA02AA06 MA02AA08 MA02AA10
0106.2.4	Grade One Mathematics Number and Operations Skip count by twos, fives, and tens.	KM091 20237	10103 2B002	10145	MA00E01 MA01AA07 MA01BA09 MA02AA06 MA02AA10
0106.2.5	Grade One Mathematics Number and Operations Order and compare (less than, greater than, or equal to) whole numbers to 100.	KM039 10097 20144 20159	KM040 10162 20146	KM049 10163 20179	MA00C02 MA00C04 MA01AA02 MA01BB05 MA01BB06 MA02AA03 MA02BB02 MA02BB03
0106.2.6	Grade One Mathematics Number and Operations Recognize the place value of numbers (tens, ones).	10101 20162 20236	10126 2B003	10194 20158	MA01AA05 MA01AA06 MA01AC09 MA02AA01 MA02AA07

0106.2.7	Grade One Mathematics Number and Operations Develop fluency with addition and subtraction facts of sums through ten.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	MA00C05
		KM108	10119	2B006	MA00E01
		2B007	2B008	2B013	MA00E04
		2B014	2B015	2B019	MA00E05
					MA01AC03
					MA02AC08
0106.2.8	Grade One Mathematics Number and Operations Relate "counting on" and "counting back" to addition and subtraction and understand them as inverse operations.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	
		KM108	10119	10122	MA00C05
		10123	10124	10125	MA00E01
		10127	10129	2B020	MA00E04
		20240	2B005	2B006	MA00E05
		2B007	2B008	2B011	MA01AC03
		2B012	2B013	2B014	MA01AC04
		2B015	2B019		MA01AC05
					MA01AC06
					MA01AC07
					MA01AC10
					MA02AC01
0106.2.9	Grade One Mathematics Number and Operations Add three single-digit numbers.				MA02AC08
					MA02AC10
					MA02AC11
		10123			MA01AC06

0106.2.10	Grade One Mathematics Number and Operations Use models (such as discrete objects, connecting cubes, and number lines) to represent "part-whole", "adding to", "taking away from", and "comparing to" situations to develop understanding of the meaning of addition and subtraction.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	
		KM108	10119	10122	MA00C05
		10123	10124	10125	MA00E01
		10127	10129	2B020	MA00E04
		20240	2B005	2B006	MA00E05
		2B007	2B008	2B011	MA01AC03
		2B012	2B013	2B014	MA01AC04
		2B015	2B019		MA01AC05
					MA01AC06
					MA01AC07
					MA01AC10
					MA02AC01
0106.2.11	Grade One Mathematics Number and Operations Recognize the "part-whole" relationship in representations of basic fractions such as one half and one fourth.	KM079	10118	10195	MA00D04
		20180	20181	20182	MA01AB01
		20299			MA01AB02
					MA02AB01
					MA02AB02
					MA02AB03

0106.2.12	Grade One Mathematics Number and Operations Use various models to develop strategies for solving arithmetic problems.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	
		KM108	10119	10122	
		10123	10124	10125	MA00C05
		10127	10129	10130	MA00E01
		10131	10132	2B020	MA00E04
		20240	20246	2B005	MA00E05
		2B006	2B007	2B008	MA01AC03
		2B011	2B012	2B013	MA01AC04
		2B014	2B015	2B019	MA01AC05
					MA01AC06
					MA01AC07
					MA01AC10
					MA01AC13
					MA01AC14
					MA02AC01
					MA02AC08
					MA02AC09
					MA02AC10
					MA02AC11

0106.2.13	Grade One Mathematics Number and Operations Solve problems that require addition and subtraction of numbers through 100.	KM054	KM055	KM056	
		KM057	KM088	KM100	
		KM101	KM102	KM103	
		KM105	KM106	KM107	
		KM108	10119	10122	
		10123	10124	10125	MA00C05
		10127	10129	2B020	MA00E01
		20240	20242	20243	MA00E04
		2B005	2B006	2B007	MA00E05
		2B008	2B009	2B010	MA01AC03
		2B011	2B012	2B013	MA01AC04
		2B014	2B015	2B016	MA01AC05
		2B017	2B018	2B019	MA01AC06
					MA01AC07
					MA01AC10
					MA02AC01
					MA02AC03
					MA02AC04
					MA02AC08
					MA02AC10
					MA02AC11
0106.2.14	Grade One Mathematics Number and Operations Use composition and decomposition of numbers to identify and discuss patterns.	KM037	KM047	1B002	
		10114	10101	10126	MA00C01
		10194	20161	20162	MA00C03
		20176	2B003	20158	MA01AA05
		20236			MA01AA06
					MA01AA08
					MA01AC09
					MA02AA01
					MA02AA05
0106.2.15	Grade One Mathematics Number and Operations Represent whole numbers between 10 and 100 in groups of tens and ones.	10101	10126	10194	MA01AA05
		20162	2B003	20158	MA01AA06
		20236			MA01AC09
					MA02AA01
					MA02AA07

0106.2.16	Grade One Mathematics Number and Operations Represent whole numbers up to 100 on a number line.	KM051 10199 20239	KM052 20079	10121 20238	MA00C04 MA01AC02 MA01CB04 MA02AA08 MA02CB04
0106.2.17	Grade One Mathematics Number and Operations Use the number line to create visual representations of sequences (such as even numbers, tens, multiples of five).	KM051 10114 20079 20239	KM052 10121 20176 2B001	1B002 10199 20238	MA00C04 MA01AA08 MA01AC02 MA01CB04 MA02AA08 MA02AA09 MA02AA11 MA02CB04
0106.3.1	Grade One Mathematics Algebra Find repeating patterns on the number line, addition table, and hundreds chart.	KM090 10171	KM091 20142	10146	MA00E01 MA01BA08 MA01BA10 MA02BA07
0106.3.2	Grade One Mathematics Algebra Determine a reasonable next term in a given sequence and describe the rule.	KM006 KM091 10143 10146 20123 20247	KM014 10141 10144 10171 20142 20165	KM015 10142 10145 20122 20153 20185	MA00A03 MA00A06 MA00E01 MA01BA04 MA01BA05 MA01BA06 MA01BA07 MA01BA08 MA01BA09 MA01BA10 MA02BA01 MA02BA03 MA02BA04 MA02BA05 MA02BA07 MA02BA08

0106.3.3	Grade One Mathematics Algebra Use objects to illustrate the commutative property with basic facts and show that subtraction is not commutative.	KM101 20143	KM106 20241	10172	MA00E04 MA00E05 MA01BB01 MA02AC02 MA02BB01
0106.3.4	Grade One Mathematics Algebra Demonstrate understanding of the basic equation $a + b = c$ by using objects to illustrate the number sentences (fact families) associated with any particular sum.	10160 20167 2B020	10164 20168	10165 20240	MA01BB03 MA01BB07 MA02AC01 MA02BB05 MA02BB06
0106.3.5	Grade One Mathematics Algebra Use various strategies to find unknowns in problems involving addition and subtraction.	10160 20167	10164 20168	10165 20240	MA01BB03 MA01BB07 MA02AC01 MA02BB05 MA02BB06
0106.3.6	Grade One Mathematics Algebra Use objects to demonstrate the inverse relationship between addition and subtraction.	10160	2B020	20240	MA01BB03 MA02AC01
0106.3.7	Grade One Mathematics Algebra Use the inverse relation between addition and subtraction to check arithmetic problems.	10160 2B020	10140 20240	10161	MA01AC12 MA01BB02 MA01BB03 MA02AC01
0106.3.8	Grade One Mathematics Algebra Determine whether a number is odd or even by pairing objects.	1B002 2B001	10114	20176	MA01AA08 MA02AA09 MA02AA11
0106.3.9	Grade One Mathematics Algebra Recognize that zero is the identity element for addition.	KM041	10126	2B019	MA00C02 MA01AC09 MA02AC10

0106.4.1	Grade One Mathematics Geometry and Measurement Recognize and describe similarities and differences between 2-dimensional figures (geometric attributes and properties).	KM027	KM028	10093	
		10094	10095	10096	
		10113	10149	10154	MA00B05
		10155	10196	20072	MA01CA01
		20074	20075		MA01CA02
					MA01CA03
					MA01CA04
					MA01CA05
					MA01CD01
					MA01CD02
					MA01CD04
					MA02CA01
					MA02CA03
					MA02CA05
0106.4.2	Grade One Mathematics Geometry and Measurement Recognize 2- and 3-dimensional figures from different perspectives and orientations.	KM027	KM028	10093	
		10094	10196	10197	
		10095	10096	10113	MA00B05
		10149	10150	10154	MA01CA01
		10155	10166	20065	MA01CA02
		20072	20074	20075	MA01CA03
					MA01CA04
					MA01CA05
					MA01CA06
					MA01CA07
					MA01CD01
					MA01CD02
					MA01CD04
					MA02CA01
					MA02CA02
					MA02CA03
					MA02CA05
0106.4.3	Grade One Mathematics Geometry and Measurement Model part-whole relationships and properties of plane and solid figures by combining two or more shapes to make a larger shape or by breaking apart an object into its smaller shapes.	KM027	KM028	10116	MA00B05
		20088			MA01CD05
					MA02CD01

0106.4.4	Grade One Mathematics Geometry and Measurement Identify 2-dimensional shapes as faces of 3-dimensional figures.	KM027 10154 10197 20074	KM028 10155 10095 20075	10149 10196 20072	MA00B05 MA01CA03 MA01CA05 MA01CD02 MA01CD04 MA02CA01 MA02CA03 MA02CA05
0106.4.5	Grade One Mathematics Geometry and Measurement Estimate and measure length using non-standard units (counting by using groups of tens and ones) to represent addition.	KM073 KM076 10176	KM074 10170	KM075 10175	MA00D03 MA01DB01 MA01DB02 MA01DB03

0106.4.6	Grade One Mathematics Geometry and Measurement Recognize the essential role of units in measurement, and understand the difference between standard and non-standard units.	KM073	KM074	KM075	
		KM076	KM082	10170	
		10175	10176	10177	
		10178	10181	10183	
		10184	10185	10186	MA00D03
		20090	20091	20092	MA00D05
		20098	20099	20100	MA01DB01
		20101	20102	20113	MA01DB02
		20114	20151		MA01DB03
					MA01DB04
					MA01DB05
					MA01DC04
					MA01DD01
					MA01DD02
					MA01DD03
					MA01DD04
					MA02DB01
					MA02DB02
					MA02DB03
					MA02DB05
					MA02DC01
					MA02DC02
					MA02DC03
					MA02DC04
					MA02DD01
					MA02DD02
					MA02DD04

0106.4.7	Grade One Mathematics Geometry and Measurement Understand and use comparative words such as long, longer, longest; short, shorter, shortest; tall, taller, tallest; high, higher, highest.	KM067	KM073	KM081	
		KM082	10176	10178	
		10180	10182	10184	MA00D01
		10186	10256	20091	MA00D03
		20100	20171		MA00D05
					MA01DB02
					MA01DB05
					MA01DC01
					MA01DC02
					MA01DC03
					MA01DD02
					MA01DD04
					MA02DC01
					MA02DD01
					MA02DE02
0106.5.1	Grade One Mathematics Data, Probability and Statistics Represent measurements and discrete data using concrete objects, picture graphs, and bar graphs.	KM042	KM050	KM093	
		KM094	KM095	10187	
		10188	10189	10190	MA00C02
		20150	20173	20174	MA00C04
		20175	20186		MA00E02
					MA01EA01
					MA01EA02
					MA01EA03
					MA01EB01
					MA02EA01
					MA02EA02
					MA02EA03
					MA02EA04
					MA02EB01

0106.5.2	Grade One Mathematics Data, Probability and Statistics Represent data in both horizontal and vertical form.	KM042 KM094 10189 20174	KM050 KM095 10190 20175	KM093 10188 20173 20186	MA00C02 MA00C04 MA00E02 MA01EA02 MA01EA03 MA01EB01 MA02EA02 MA02EA03 MA02EA04 MA02EB01
0106.5.3	Grade One Mathematics Data, Probability and Statistics Display data using appropriate titles and labels.	KM042 KM094 10188 20150 20175	KM050 KM095 10189 20173 20186	KM093 10187 10190 20174	MA00C02 MA00C04 MA00E02 MA01EA01 MA01EA02 MA01EA03 MA01EB01 MA02EA01 MA02EA02 MA02EA03 MA02EA04 MA02EB01

0106.5.4	Grade One Mathematics Data, Probability and Statistics Count and compare collected data.	KM042	KM050	KM093	
		KM094	KM095	10187	
		10188	10189	10190	MA00C02
		20150	20173	20174	MA00C04
		20175	20186		MA00E02
					MA01EA01
					MA01EA02
					MA01EA03
					MA01EB01
					MA02EA01
					MA02EA02
					MA02EA03
					MA02EA04
					MA02EB01